

May 2004

VEHICLE FLEET

FLEET REPORT

Nevada Highway Patrol

Lt. Bill Bainter

Overview

Monthly Shop Report for Reno:

The Reno mechanic shop and radio shop continued the new vehicle build process during the month of May. Twelve vehicles were completed and placed into service and six vehicles were stripped for surplus.

All three maintenance facilities received the delayed push bumper order for the Ford Crown Victoria Police Interceptors. The maintenance facilities are still waiting for the Durango push bumpers which are scheduled for delivery on June 20, 2004.

The Reno mechanic shop is installing LED light bars on the Ford Crown Victorias. The Led light bar have an eight year warranty as compared to the Code 3/ Whelen light bars that have only a one year warranty. In addition, LED light bars have no moving parts (rotators). It is anticipated that the LED light bars will out perform other models.

The Reno shop is testing five Whelen CenCom siren controllers. The CenCom controller is a programmable system that operates the light bar, traffic advisor and siren speaker. The light bar pattern can be changed through programming with a lap top computer. The Reno shop also installed a test siren speaker that has a life time warranty when used with the new CenCom controller. The Southern and Central Commands will also test the new CenCom system.

The Reno mechanic shop experienced three transmission failures with the Chevy Impala's during the month of May. All three transmissions were covered under factory warranty. The Reno mechanics shop did not report any Ford Crown Victoria transmission failures.

In an effort to reduce operating expenses, the Reno mechanic shop is using a trailer to transport vehicles to and from repair facilities. Seven vehicles were towed to repair facilities during the month of May and it is estimated that fleet saved \$1,500 in tow bills.

The Reno mechanics are attending training for the 1G smog inspectors license. NHP patrol vehicles in Washoe County must comply to emission control standards. Headquarters fleet requested in the 06/07 budget emission analyzers for the Reno and

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Las Vegas mechanic shops.

Monthly Shop Report for Elko:

The Elko mechanic shop completed four Crown Victoria vehicle builds during the month of May.

The Elko shop reported one Chevy Impala cooling fan failure and one Impala transmission failure for the month of May. The cooling fan was not covered under warranty but the transmission was covered under extended warranty. The Elko mechanic shop did not experience any Ford Crown Victoria Transmission failures.

The Elko shop reported one Impala catalytic converter failure that was covered under extended warranty.

Monthly Shop Report for Las Vegas:

During the month of May, the Las Vegas mechanic shop received the Ford Crown Victoria push bumpers that were holding up the vehicle build process. Seven units were completed and placed into operations. Five units were stripped and turned into State purchasing. Five Whelen CenCom units are being installed for testing in the Las Vegas area. There is seventeen Ford Crown Victorias and four Expeditions left to build. One Durango will be sent in June to Las Vegas for field testing.

Shop supervisor Pat Ryan is negotiating with the Michelin tire representative on a tire test program with the Southern Command commercial enforcement vehicles. The tires will be purchased at a fraction of the cost that NHP is currently paying. As a result of the Michelin test program, NHP fleet anticipates a substantial cost savings for commercial tires in FY05.

The Las Vegas mechanic shop did not report any transmission failures for the month. The Las Vegas mechanics started reporting their time sheets on NEATS in May.

Monthly Shop Statistics:

Overtime worked for May:

<u>Reno Shop</u>	<u>Elko Shop</u>	<u>Las Vegas Shop</u>
113 Hours	5.30 Hours	20 hours

Overtime Justification:

Reno: 3.0 hours emergency callout

. 108 hours for vehicle builds and stripping vehicles for turn-in
2.0 hours tow vehicle

Elko: 5.30 hours for vehicle builds

Las Vegas: 9.0 hours Ford training NGS tester

5.30 hours drug call out.

2.0 hours Infinium Oil Test Program

1.30 hours meet with committee for the new building

2.0 hours transport turn-in vehicles to State Purchasing

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Repairs completed:

<u>Reno Shop</u>	<u>Elko Shop</u>	<u>Las Vegas Shop</u>
37 PM Services 73 Repairs	47 PM Services 35 Repairs	46 PM Services 81 Repairs
Totals: <u>110</u>	<u>82</u>	<u>127</u>
Total Statewide services and repairs: 319		

Note: PM stands for preventative maintenance services

Vehicle Registrations:

Procedures were established in which Terry Lukas registers vehicles when vehicle status reports are received in Fleet Headquarters. Status reports are completed at the NHP shops and forwarded to Headquarters for processing. All NHP vehicle registrations are current.

F/Y 2004 Fleet Vehicle Orders:

All 2004 vehicle orders were delivered and distributed to the following regions:

	<u>Ford Crowns</u>	<u>Expeditions</u>	<u>Durango's</u>
Northern Command:	<u>12</u>	<u>3</u>	<u>1</u>
Southern Command:	<u>25</u>	<u>4</u>	<u>1</u>
Central Command:	<u>13</u>	<u>3</u>	<u>2</u>

The Durango's have been delivered to the Reno Shop for building for all regions.

The Dodge Durangos, Ford Expeditions and the Ford Crown Victoria Police Interceptors were crash tested by NHTSA and received a **Five Star** Crash Rating*.

*source <http://nhtsa.dot.gov>

*<http://automotivedigest.com>

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Fleet Test Programs:

Current test programs:

Delco-Delphi Batteries	17 units	Las Vegas
Michelin Tires	25 units	Las Vegas
Michelin Tires Commercial Enforcement	(Pending)	
Whelen CenCom Siren Controller	3 units	Reno
	2 units	Elko
	5 units	Las Vegas
Infineum Test Oil	16 units	Elko
	7 units	Reno
	17 units	Las Vegas
Code Three LED Overhead Light Bars	6 units	Elko
	6 units	Reno
	3 units	Las Vegas
DVD Digital In-Car Video System	1 unit	Reno
Dodge Durango	1 unit	Reno
	2 units	Elko
	1 unit	Las Vegas
Ford Expedition satellite communications	1 unit	Completed

All parts, oil and equipment testing is furnished at no cost to the Division. Initial field test reports on the LED overhead light bars rated the equipment as exceptional. The DVD digital in-car video reports were rated as excellent.

Windshield Damage Report:

	<u>Unit</u>	<u>Amount</u>
F/Y 2004 (May)		
Southern Command	3	open
Northern Command	0	
Central Command	1	open
Total	4	<u>pending</u>

Accident Damage Report:

	<u>Unit Damaged</u>	
F/Y 2004 (May)		
Southern Command	4	(1 Trooper fault)
Northern Command	6	(1 Trooper fault)
Central Command	2	(1 Trooper fault)
Total	<u>12</u>	

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Crash Fund Balance:

May Crash Fund Balance: \$ 3,281.21

Fuel Data Charts for NDOT, Western Energetix, Chevron, Union and Texaco:

N-DOT Monthly Fuel Data

4713-04
NDOT GAS

DATE	MONTH OF BILL	BILLING CLAIM #	AMOUNT	GALLONS OF GAS	AVERAGE COST PER GALLON
08/20/03	July	BL000959	\$ 69,435.25	48,756.18	\$ 1.42
09/20/03	August	BL001023	\$ 69,847.43	46,862.74	\$ 1.49
10/09/03	Sept.	BL001079	\$ 74,976.49	48,881.85	\$ 1.53
11/15/03	Oct	BL001239	\$ 62,923.12	40,996.08	\$ 1.53
12/18/2003	Nov	BL001294	\$ 46,679.71	32,670.57	\$ 1.43
1/18/2004	Dec		\$ 70,598.72	50,694	\$ 1.39
2/10/2004	Jan		\$ 66,351.35	43,432.4	\$ 1.52
3/30/2004	Feb		\$ 86,843.68	51,662.02	\$ 1.68
4/30/2004	Mar		\$ 83,081.04	47,628.48	\$ 1.75
5/30/2004	April		\$ 80,596.02	41,694.7	\$ 1.94
			\$ 711,332.81	453,278.98	\$ 1.78

Western Energetix Monthly Fuel Data:

DATE	WESTERN ENERGETIX	GAL	DATE	GAL	CHEVRON
7/01/2003	\$2,864.29		7/05/2003	2.33	\$3,163.14
7/16/2003	\$3,030.61	1.41	8/8/2003		\$2,094.37
8/1/2003	\$3,221.20	1.47	9/05/2003	1.89	\$3,533.39
8/16/2003	\$3,932.58		10/10/2003	1.88	\$3,835.42
9/1/2003	\$3,901.33		11/07/2003	1.88	\$2,240.60
9/16/2003	\$2,951.99	1.94	12/05/2003	1.88	\$2,308.68
10/01/2003	\$2,969.45		1/31/2004	1.89	\$2,203.64
10/16/2003	\$2,969.76	1.43	2/05/04	2.02	\$1,403.21
11/3/2003	\$3,952.73	1.45	03/05/2004	2.05	\$4,018.20
12/16/2003	\$4,525.42	1.38	04/30/04	2.10	\$3,707.89
4/30/04	\$5,381.04	1.81	05/30/04	2.15	\$3,077.87
5/30/04	\$6,750.19	1.83			
TOTAL	\$56,187.34		TOTAL		\$31,585.91

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Texaco Monthly Fuel Data:

FUEL REPORTS				
TEXACO			UNION	
07/22/2003	\$96.91		08/01/2003	\$144.56
08/21/2003	\$341.28		09/02/2003	\$154.31
09/22/2003	\$377.50		10/01/2003	\$68.79
10/21/2003	\$20.61		2/1/2003	\$57.69
11/1/2003	\$ 68.79		4/1/2003	\$23.94
12/31/2003	\$18.05			
TOTAL	\$923.14		TOTAL	\$449.29

Fuel Totals:

N-DOT	\$ 711,332.01
Western Energetix	56,187.34
Texaco	923.14
Union	449.29
Chevron	31,585.91
	\$ 800,477.69

Fuel Budgeted for FY04 **\$ 952,654.00**
(includes February IFC increase)

Remaining Fuel Balance for FY04 **\$152,176.31**

Based on the current fuel projection, NHP will be within budget for FY04

Vehicle Surplus / excess for the Month of April: 23 units

Unit number	Excessed To
00-053	Nevada State Purchasing
01-239	Nevada State Purchasing
01-345	Nevada State Purchasing
97-971	Nevada State Purchasing
01-093	Nevada State Purchasing
01-262	Nevada State Purchasing
99-407	Nevada State Purchasing
01-239	Nevada State Purchasing
01-345	Nevada State Purchasing
00-465	Nevada State Purchasing
00-026	Nevada State Purchasing
01-169	Nevada State Purchasing